PROJECT TOPIC: STOCK MANAGEMENT SYSTEM

CSE Group No.: 126

Project Group Members:
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Objective: The purpose of developing the project is to efficiently and effectively manage the inventory of a business. The system involves keeping track of stock levels, monitoring sales, and analyzing customer demand to ensure that the right amount of stock is available at the right time.

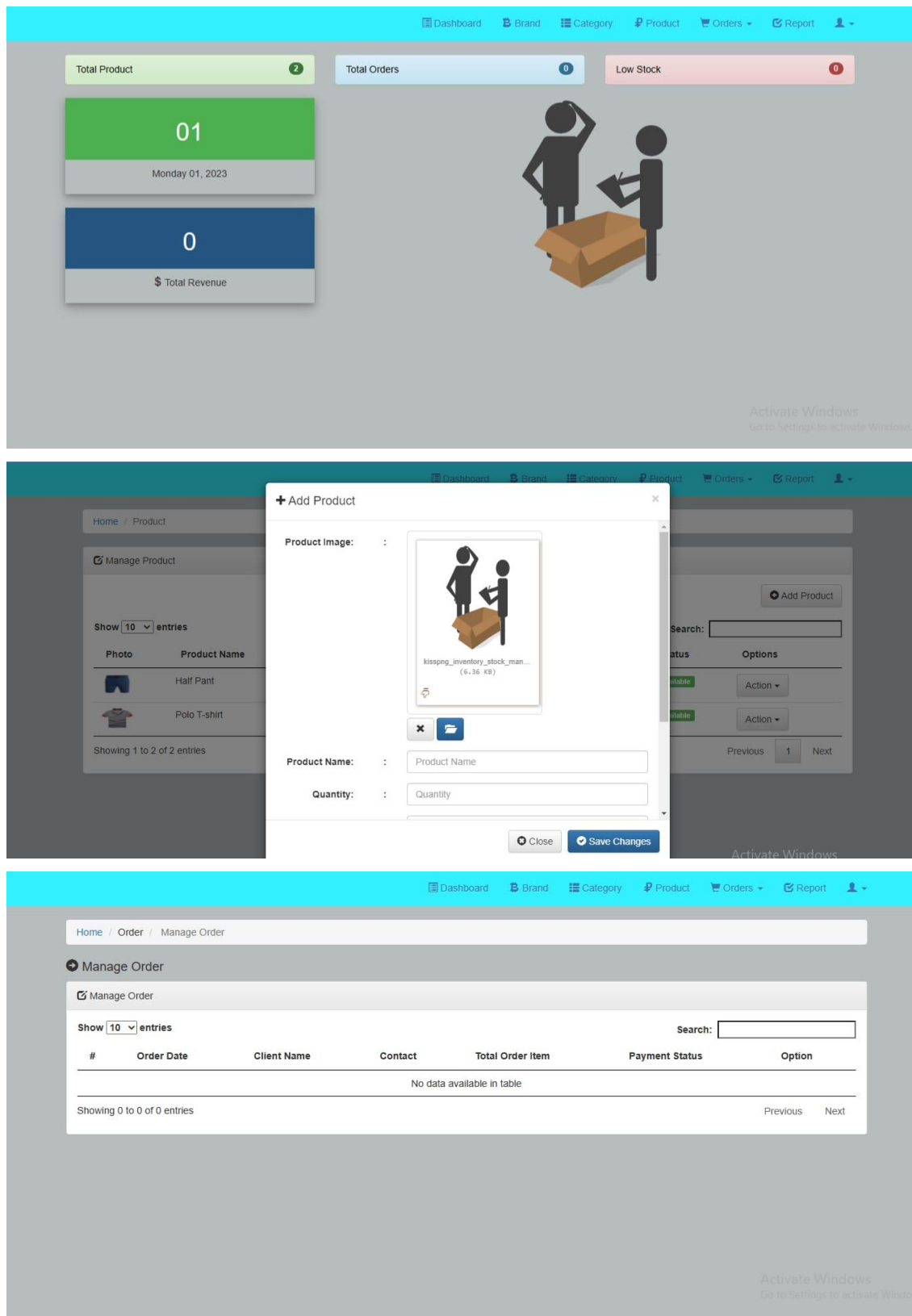**Tools required:**

➢ **Hardware Requirements:**
- Processor : Intel i3 or above
- Operating System : Any
- Hard Disk : 64GB
- RAM : 4GB or higher
- Internet Supply
- Keyboard
- Power Supply

➢ **Software Requirements:**
- VS code, XAMPP
- HTML, CSS, JS, Python
- MySQL
- Google Chrome

Abstract: A stock management system is a software-based solution designed to help businesses efficiently manage their inventory. It involves tracking stock levels, monitoring sales, analyzing customer demand, and optimizing the supply chain to ensure that the right amount of stock is available at the right time. The key objectives of a stock management system are to ensure adequate stock levels, minimize stock holding costs, optimize supply chain efficiency, improve forecasting accuracy, and reduce stockouts and overstocks. By achieving these goals, a stock management system can help businesses improve their operational efficiency, reduce costs, and increase profitability. The system is typically used in industries such as retail, manufacturing, and distribution, where inventory management is a critical part of the business process.

Outcome: